#### Curriculum

We offer an English-language curriculum comprising lecture courses, a training program in complementary skills, as well as summer and winter schools with leading international partner institutions. The curriculum includes innovative scientific and technical training in the field of quantum materials, complemented with an excellent research infrastructure in our participating institutes.

A set of high-level "Frontiers of Research" courses closely aligned with research at the partner institutes will be taught in small, interactive groups of students using a network of telepresence studios with state-of-the-art sound and visual technology.



# **Application & Admission**

The application procedure is highly selective and includes on-site interviews for all shortlisted candidates.

Please submit your application through our online application portal.

## Requirements

We are looking for highly motivated candidates who have a record of excellence in their previous studies.

The candidate should hold either a MSc or a BSc degree in physics, chemistry, mathematics or computer science and have some knowledge of solid-state science. Exceptional students with an Honors BSc degree (4 or 5 years of study) can be admitted to the PhD fast track program.

Successful candidates will receive a salary or stipend covering all living expenses.

For detailed information please see our website.

### **Coordination Office**

Speaker: Prof. Bernhard Keimer

Coordinator: Dr. Zrinka Gattin

Max Planck Institute for Solid State Research

Max Planck Graduate Center for Quantum Materials

Heisenbergstraße 1 • 70569 Stuttgart • Germany

Phone: +49 711 689-1985 Email: info@quantummaterials.mpg.de

www.quantummaterials.mpg.de





**GRADUATE CENTER** 

FOR QUANTUM MATERIALS



Quantum materials refers to a rapidly evolving research frontier that aims to understand, control, and ultimately design materials in which quantum physics enables novel functionalities.

The Max Planck Graduate Center for Quantum Materials builds on strong synergy between world-leading researchers with complementary expertise located at Max Planck Institutes (MPIs) across Germany.

## More than the sum of its parts

We offer our students a truly unique research environment with access to a large number of worldclass research facilities, as well as a newly designed curriculum covering the frontiers of research on quantum materials.

Exchange and collaboration with first-rate international partner institutions is encouraged and promoted through our scientific partners and affiliated institutions.



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quantum many-body theory solid state quantum electronics

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